Serial No. 10/787,109   Docket No. NIT-413
Amendment dated May 9, 2007
Response to Final Office Action mailed March 28, 2007

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the

application.

Listing of Claims

1-3.   (Canceled)

4.   (Currently Amended) A computer system ~~according to Claim 3~~ having a first operation

site, a second site having a storage device subsystem and a third operation site that are mutually

connected through a network, wherein:

        each said operation site includes a host and a storage device subsystem and a copy

management program that operates in the host;

        copy management information that includes state information is used by the copy

management program to execute remote copy processing from the storage device subsystem of

said first operation site to the storage device subsystem of the second site and to the storage

device subsystem of said third operation site;

        said copy management information is stored in said storage device subsystems of each

said operation site and said second site, and is updated every time a remote copy is executed;

        wherein when a failure occurs in the first said operation site, the copy management

information stored in the storage device subsystems is referred by use of said copy

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management program that operates in a host included in said third operation site to execute

copying from a point at which copy processing had progressed before the failure;

            wherein said storage device subsystems make an inter-subsystem copy of data stored in

a storage device between the storage device subsystems of the first operation site and the

second site, and the second site and the third operation site, and an intra-subsystem copy of data

stored in a storage device in the storage device subsystem of the second site and in a storage

device of a storage device subsystem in the third operation site, and

wherein said copy management information includes state information about the

inter-subsystem copy, state information about the intra-subsystem copy, and time stamp

information about the time at which this copy management information is written.

5-7.   (Canceled)

8.   (Currently Amended) A failure recovery method for a computer system ~~according to~~

~~Claim 6, wherein~~ in which at least first and other operation sites each having a host and a

storage device subsystem and a second site having a storage device subsystem are mutually

connected through a network, said failure recovery method comprising the steps of:

            using, at the first operation site, a copy management program, which operates in the

host, to remote-copy data stored in a storage device of the storage device subsystem included in

the first operation site to a storage device of a storage device subsystem included in the second

site and each of the other operation sites;

            every time copy processing is performed, reflecting, by the first operation site, a state

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of the remote copy in copy management information stored in the storage device of the storage

device subsystem included in the first operation site;

        every time copy processing is performed, reflecting, to the second site and each of the

other operation sites, a state of the remote copy in the copy management information stored in

the storage device of the storage device subsystem included in said second site and each of the

other operation sites,

        wherein when a failure occurs at the first operation site, the copy management

information stored in the storage device of the storage device subsystem included in the second

site and each of the other operation sites is referred by use of a copy management program that

operates in a host included in one of the other operation sites to execute copying from a point to

which the copy processing had progressed before the failure;

        wherein said step of remote-copying from the first operation site comprises

inter-subsystem copying of data in a storage device which is performed between the storage

device subsystems of the first operation site and the second site, and between storage device

subsystems of the second operation site and other operation sites, and intra-subsystem copying

of data in a storage device which is performed in the storage device subsystems of any of the

first operation site, second site and other operation sites; and

        said copy management information includes state information about each of the

inter-subsystem copies and the intra-subsystem copies.

9.   (Canceled)

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